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PALMD Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13201a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9NP74
Other Accession	Q3MHH7, NP_060204.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32922
Calculated MW	62758
Antigen Region	41-69

Additional Information

Gene ID	54873
Other Names	Palmdelphin, Paralemmin-like protein, PALMD, C1orf11, PALML
Target/Specificity	This PALMD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-69 amino acids from the N-terminal region of human PALMD.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PALMD Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PALMD
Synonyms	C1orf11, PALML
Cellular Location	Cytoplasm. Cell projection, dendrite. Cell projection, dendritic spine

Tissue Location Ubiquitous. Most abundant in cardiac and skeletal muscle.

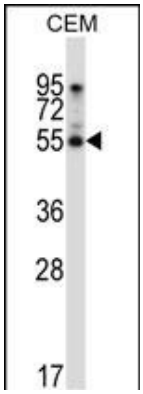
Background

The specific function of this protein remains unknown.

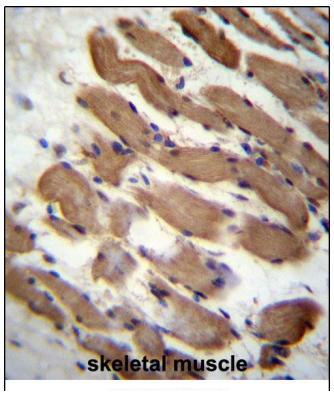
References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Vasan, R.S., et al. JAMA 302(2):168-178(2009)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Ozyildirim, A.M., et al. Invest. Ophthalmol. Vis. Sci. 46(5):1572-1580(2005)

Images



PALMD Antibody (N-term) (Cat. #AP13201a) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the PALMD antibody detected the PALMD protein (arrow).



PALMD Antibody (N-term) (Cat. #AP13201a)immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PALMD Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.